

Preoccupied Generic names of Coleoptera.

BY T. D. A. COCKERELL.

In the course of my work on the list of Coleoptera of New Mexico, I have been struck by the number of preoccupied generic names which are still allowed to stand in our catalogues. It occurred to me that it would be a useful service to make a complete list of these, and to this end I have examined every name given as valid in Henshaw's list, with respect to homonymy. As a result, I find nearly fifty names which are absolute homonyms, and a large number which differ from earlier named only in some minor feature (*e. g.* termination indicating gender), and would be considered homonyms by many. These latter should not, I think, be disturbed. I have not examined the names of the numerous genera described in recent years, since the publication of Henshaw's catalogue. In my manuscript, I have provided substitute names for nearly all the homonyms, but only part of them are given here, as although I have made much search for available synonyms myself, and the list has been kindly looked over by Mr. Fall, there is still a probability that several available substitute names will be discovered in the older literature. It is hoped that those who are aware of such will record them.

CARABIDÆ.

1. *Diplochelia* Brullé, 1835 (*Diplochila* of our lists), is *Rembus*, Latr., 1817. The latter name was alleged to be preoccupied, but apparently in error; hence it should be used for our species.
2. *Diaphorus* Dej., 1831 (not Meig., 1824).
3. *Euproctus* Sol., 1851 (not Gené., 1840).
4. *Nothopus* Lec., 1852, is *Euryderus* Lec., 1848, not *Eurydera* Lap. I do not consider these names the same, and think that *Euryderus* should be restored.

HYDROPHILIDÆ.

5. *Helopeltis* Horn, 1873 (not Signoret, 1858) = *Helopellina* n. n.; species *Helopellina larvalis* (Horn).

SILPHIDÆ.

6. *Pelates* Horn, 1880 (not Fisch, not Cuvier) = *Pelatines* n. n.; species *Pelatines latus* (Mann.).
7. *Aglyptus* Lec., 1866 (not Foerst, 1856) = *Aglyptinus* n. n.; species *Aglyptinus lacvis* (Lec.).

STAPHYLINIDÆ.

8. *Polystoma* Steph., 1835 (not Zed., 1800); *Emplenota* Casey, 1884, is available.
 9. *Tanygnathus* Er., 1837 (not Wagl., 1832).
 10. *Trigonophorus* Nordm., 1837 (not Hope, 1831, not Steph., 1829).
 11. *Megalops* Er. (not Lacép., 1803).
 12. *Ephelis* Fauvel, 1883 (not Lederer, 1863) = *Ephelinus* n. n.; species *Ephelinus guttatus* (Lec.), *E. pallidus* (Lec.), *E. notatus* (Lec.).

TRICHOPTERYGIDÆ.

13. *Trichopteryx* Kirby, 1826 (not Huebner, 1816).

COCCINELLIDÆ.

14. *Megilla* Mulsant, 1851 (not Fabr., for a genus of bees). *Paranymia* Casey, 1899, includes our *M. vittigera*.
 15. *Mysia* Mulsant, 1846 (not Gray, 1840, or Brown, 1827). *Neomysia* Casey, 1888 (not *Neomysis* Czern., 1887), is available.

ENDOMYCHIDÆ.

16. *Symbiotes* Redt., 1858 (not Gerl., 1857). *Eponomastus* Buysson, 1891, is available; species *Eponomastus ulkei* (Čr.), *E. minor* (Čr.).

COLYDIIDÆ.

17. *Eudesma* Lec., 1863 (not Ehr., 1838) = *Eudesmula* n. n.; species *Eudesmula undulata* (Melsh.).

CUCUJIDÆ.

18. *Ino* Lap., 1835 (not Leach, 1819, not Oken, 1815).

CRYPTOPHAGIDÆ.

19. *Tomarus* Lec., 1861 (not Erichs, 1847).

DERMESTIDÆ.

20. *Acolpus* Jayne (not Brandt, 1835).

DASCYLLIDÆ.

21. *Allopogon* Horn., 1880 (not Schiner, 1866) = *Allopogonia* n. n.; species *Allopogonia villosa* (Horn).
 22. *Aræopus* Lec., 1874 (not Spinola). I have not the exact date of the Spinolian name, but it is certainly older. The beetle-genus may be *Aræopidius* n. n.; species *Aræopidius monachus* (Lec).

ELATERIDÆ.

23. *Tharops* Lap., 1835 (not Huebner, 1816).
 24. *Cryptostoma* Latr., 1825 (not Blainv., 1818) = *Palcoxenus* Horn.
 25. *Asaphes* Kirby, 1837 (not Walker, 1834) = *Hemicrepidius* Germ.

THROSCIDÆ.

26. *Drapetes* Redt., 1849 (not Meg., 1821). There is also *Drapetis* Meig., 1822.

LAMPYRIDÆ.

27. *Cœnia* Newman, 1838 (not Desv., 1830) = *Cœniella* n. n.; species *Cœniella dimidiata* (Fabr.), *C. amplicornis* (Lec.).

CLERIDÆ.

28. *Elasmocerus* Lec., 1849, is *Monophylla* Spin., 1841 (not *Monophyllus* Leach). If we accept the "one-letter rule" *Monophylla* should be restored.

PTINIDÆ.

29. *Theca* Muls., 1860 (not Sowerby, 1845). *Stagetus* Woll., 1861, is available; species *Stagetus profundus* (Lec.).

SCARABÆIDÆ.

30. *Bradycinetus* Horn., 1871 (not Sars, 1865) = *Bradycinetulus* n. n.; species *Bradycinetulus ferrugineus* (Beauv.), *B. fossator* (Hald.), *B. serratus* Lec.), *B. horni* (Rivers).

CERAMBYCIDÆ.

31. *Eustroma* Lec., 1873 (not Hubner) = *Eustromula* n. n.; species *Eustromula valida* (Lec.).
32. *Æthecerus* Chevr., 1862 (not Wesm., 1845).

CHRYSOMELIDÆ.

33. *Monachus* Chevr., 1834 (not Kaup, 1829).

TENEBRIONIDÆ.

34. *Cnemodus* Horn., 1870 (not Schaeff., 1850) = *Cnemodinus* n. n.; species *Cnemodinus testaceus* (Horn).
35. *Noserus* Lec., 1862 (not Foerst, 1862; not *Noserius* Pascoe, 1857.)
36. *Eupsophus* Horn., 1870 (not Fitzinger, date uncertain, but much earlier) = *Eupsophulus* n. n.; species *Eupsophulus castaneus* (Horn).
37. *Aphanotus* Lec., 1862 (not ^{Aptis} Lowe, doubtless earlier).

ÆGIALITIDÆ.

38. *Ægialites* Mann. (not Boie, 1822).

OTHNIIDÆ.

39. *Othnius* Lec., 1861, is *Elacalis* Pascoe, 1860. The latter was "pre-occupied" by *Elacate* Cuvier, and should I think be restored. The family, however, cannot be called Elacatidæ, because *Elacate* is the type of a family Elacatidæ, in fishes.

MELANDRYIDÆ.

40. *Carebara* Lec., 1862 (not Westw., 1841) = *Rushia* Forel, 1893; species *Rushia longula* (Lec.).

MELOIDÆ.

Zonitoides Fairm., 1883 (not American) is a homonym of *Zonitoides* Lehm., 1862.

OTIORHYNCHIDÆ.

41. *Rhyphodes* Horn, 1876 (not Stal, 1874) = *Rhyphodillus* n. n.; species *Rhyphodillus dilatatus* (Horn), *R. brevicollis* (Horn).

CURCULIONIDÆ.

42. *Triglyphus* Lec., 1876 (not Loew, 1840) = *Triglyphulus* n. n.; species *Triglyphulus ater* (Lec.).
43. *Macrops* Kirby, 1837 (not Burm., 1835, or Wagl., 1830) = *Hyperodes* Jek., 1864; species *Hyperodes vittaticollis* (Kirby), *H. humilis* (Gyll.), *H. hirtellus* (Dietz), *H. wickhami* (Dietz), *H. sparsus* (Say), etc.
44. *Eudocimus* Schonh., 1836 (not Wagl., 1832).
45. *Coelogaster* Schonh., 1837 (not Schrank, 1780). Two other homonyms are *Coelogaster* Ashmead, 1893, and *Coelogaster* Schulze, 1896.
46. *Plocamus* Lec., 1876 (not Dejean, 1834).

CALANDRIDÆ.

47. *Himatium* Woll., 1873 (not Clark, 1860) = *Himalinum* n. n.; species *Himalinum errans* (Lec.), *H. conicum* (Lec.), *H. nigritulum* (Casey).
48. *Wollastonia* Horn, 1872 (not Heer, 1852) = *Wollastoniella* n. n.; species *Wollastoniella quercicola* (Boh.).

ANTHRIBIDÆ.

49. *Ischnocerus* 1839 (not Grav., 1829).
50. *Phœnicobius* Lec., 1876 (not Morch, 1852) = *Phœnicobiella* n. n.; species *Phœnicobiella chamæropis* (Lec.).

It is greatly to be hoped that the "one-letter rule" will prevail; that is to say, that no name will be considered a homonym unless preoccupied by one spelled in exactly the same way. It necessarily goes with this, that the spelling of names must never be changed from the original, except in the case of a misprint. There are many names in our list of Coleoptera which have been so changed, and they should, I believe, all

be restored to the original form. To give some idea of the disaster that will result from the interpretation of homonymy which is prevalent in certain quarters,* I will cite some of the Coleopterous names which would fall.

<i>Agraphus</i> Schonh., 1834,	not <i>Agrapha</i> Hubn., 1816.
<i>Amblychelia</i> Say, 1834,	" <i>Amblychilus</i> Fisch., 1813.
<i>Amphicerus</i> Lec., 1861,	" <i>Amphicerus</i> Gray, 1847.
<i>Aphorista</i> Gohr., 1873,	" <i>Aphoristia</i> Kaup., 1858.
<i>Aplastus</i> Lec., 1859,	" <i>Aplasta</i> Hubn., 1816, or Schaum, 1844.
<i>Arhopalus</i> Serv., 1834,	" <i>Arhopala</i> Boisd., 1832.
<i>Aseumum</i> Esch., 1830,	" <i>Aseumum</i> Ranz., 1820.
<i>Atimia</i> Hald., 1847,	" <i>Atimus</i> Dejean.
<i>Chromatia</i> Lec., 1862,	" <i>Chromatium</i> Perty, 1852.
<i>Chrysophana</i> Lec., 1859,	" <i>Chrysophanus</i> Hubn., 1816.
<i>Coenonycha</i> Horn., 1876,	" <i>Coenonica</i> Kraatz, 1857.
<i>Colastus</i> Erichs., 1843,	" <i>Colastes</i> Hal., 1833.
<i>Conoecus</i> Horn,	" <i>Conoeca</i> Scott, 1865.
<i>Dromius</i> Bon., 1813,	" <i>Dromia</i> Fabr., 1798.
<i>Euphoria</i> Burm., 1842,	" <i>Euphorus</i> Nees, 1834.
<i>Polyphyllia</i> Harr., 1841,	" <i>Polyphyllia</i> , 2 and 9, 1833.

In the case of the following, I do not know which has priority :

Morio Latr., 1810 (Coleop.) and *Morio* Montf., 1810 (Mollusca).

Cyllene Newman, 1840 (Coleop.) and *Cyllene* Gray, 1840 (Mollusca).

Notes on *Tanypus dyari*.

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This species evidently winters in the larval stage. The earliest larvæ which I have found were taken on March 4th from a drinking tank for horses in Rock Creek Park, Washington, D. C. The tank consists of an iron pipe about three feet in diameter and four deep, into which falls a stream of clear spring water, continually running from a tap. The inside of the tap was overgrown with a green alga in which the larvæ hide and on which they also feed. The larvæ pupated the evening of March 4th, and the imagos emerged on the 6th. April 12th two batches of eggs were found at the tank.

The larvæ of this species are easily raised so long as there are algæ and euglena in the bottle and they are not in too light

* For a discussion of this matter, see Palmer, Index Generum Mammalium, pp. 34-37.